

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC658 U.S. PTO  
09/447900  
11/15/99

Applicant: Bruce K. Winker

Group:

Serial No.:

Examiner:

Filed:

Re: Disclosure Statement

For: Monolithic optical compensation  
device for improved viewing angle  
in liquid crystal displays

Our Ref: 93SC024RE

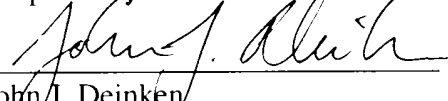
Assistant Commissioner for Patents  
Box REISSUE  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§1.56, 1.97, and 1.98, the references listed on the attached Form PTO-1449 (1 sheet) are submitted for consideration by the Examiner in the above reissue patent application.

All of these references were considered in the prosecution of the original patent application which resulted in U.S. Patent No. 5,612,801. Applicant requests the Examiner to make these references of record in this application.

Respectfully submitted

  
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Form PTO-1449

SHEET 1 OF 1

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Docket Number

93SC024RE

Application Number

Applicant

Bruce K. Winker

Filing Date

Group Art Unit

**U.S. PATENT DOCUMENTS**

INITIALS	DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	4,516,837	5/14/85	Soref, et al.	350	347	2/22/83
	4,533,214	8/6/85	Penz, et al.	359	63	9/12/83
	4,701,028	10/20/87	Clerc, et al.	350	337	5/16/85
	5,184,237	2/2/93	Imura, et al.	359	63	3/14/91
	5,196,953	3/23/93	Yeh, et al.	359	73	11/1/91
	5,311,340	5/10/94	Murata, et al.	359	73	4/22/93
	5,337,174	8/9/94	Wada, et al.	359	63	4/14/93
	5,344,916	9/6/94	Harris, et al.	359	73	6/4/93
	5,375,006	12/20/94	Haas	359	73	6/24/93

**FOREIGN PATENT DOCUMENTS**

INITIALS	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANSLATION?
	0576342	12/29/9393	European Patent Office (Haas)			
	0367288	5/9/90	European Patent Office (Arakawa)			
	5-157913	6/93	Japan (Okumura)			
	6-174920	6/94	Japan (Mori)			

**OTHER DOCUMENTS**

	Kahn, The molecular physics of liquid crystal devices, Physics Today, pp. 66-74, 5/82
	Macleod, Structure-related optical properties of thin films, J. Vac. Sci. Technol. A, Vol. 4, No. 3, pp. 418-422 (1986)
	Motohiro, et al., Thin film retardation plate by oblique deposition, Appl. Opt., Vol. 28, No. 3, pp. 2466-2482 (1989)
	Emsworth, Achromatic retardation layers based on anisotropic polymer networks, Research Disclosure, No. 337, p. 411 (1992)
EXAMINER	Date Considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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